

- 2 - (1-methyl-4-(1-methyl-4-(1-methyl-4-(α -bromoacrylamido) imidazole-2-carboxamido) pyrrole-2-carboxamido) pyrrole-2-carboxamido) ethylguanidine;
- 3 - (1-methyl-4-(1-methyl-4-(1-methyl-4-(α -bromoacrylamido) imidazole-2-carboxamido) pyrrole-2-carboxamido) pyrrole-2-carboxamido) propion-N,N-dimethylamine;
- 3 - (1-methyl-4-(1-methyl-4-(1-methyl-4-(α -bromoacrylamido) imidazole-2-carboxamido) pyrrole-2-carboxamido) pyrrole-2-carboxamido) propionamidoxime;
- 3 - (1-methyl-4-(1-methyl-4-(1-methyl-4-(α -bromoacrylamido) imidazole-2-carboxamido) pyrrole-2-carboxamido) pyrrole-2-carboxamido) propion-O-methylamidoxime;
- 3 - (1-methyl-4-(1-methyl-4-(1-methyl-4-(α -bromoacrylamido) imidazole-2-carboxamido) pyrrole-2-carboxamido) pyrrole-2-carboxamido) propionitrile; and the pharmaceutically acceptable salts thereof.

REMARKS

Claims 1-11 are pending in this application. By this Amendment, claim 5 is amended to correct typographical errors. No new matter is added.

Applicants respectfully submit that this application is in condition for allowance and such action is earnestly solicited. If the Examiner believes that anything further is desirable in order to place this application in even better condition for allowance, the Examiner is invited to contact Applicants'

undersigned representative at the telephone number listed below to schedule a personal or telephone interview to discuss any remaining issues.

Please charge any fee deficiency or credit any overpayment to Deposit Account No. 01-2300.

Respectfully submitted,

A handwritten signature in black ink, reading "Robert K. Carpenter". The signature is fluid and cursive, with a horizontal line drawn underneath it.

Robert K. Carpenter
Registration No. 34,794

ARENT FOX KINTNER PLOTKIN & KAHN, PLLC
1050 Connecticut Avenue, N.W.,
Suite 600
Washington, D.C. 20036-5339
Tel: (202) 857-6000
Fax: (202) 638-4810

MARKED-UP AMENDMENTS TO THE CLAIMS

5. (Twice Amended) A compound selected from the group consisting of:

3 - (1-methyl-4-(1-methyl-4-(1-methyl-4-(1-methyl-3-(α -bromoacrylamido)-pyrazole-5-carboxamido) pyrrole-2-carboxamido) pyrrole-2-carboxamido) pyrrole-2-carboxamido) propioncyanamidine;

3 - (1-methyl-4-(1-methyl-4-(1-methyl-4-(1-methyl-3-(α -bromoacrylamido)pyrazole-5-carboxamido) pyrrole-2-carboxamido) pyrrole-2-carboxamido) pyrrole-2-carboxamido) propion-N-methylamidine;

3 - (1-methyl-4-(1-methyl-4-(1-methyl-4-(1-methyl-3-(α -chloroacrylamido)pyrazole-5-carboxamido) pyrrole-2-carboxamido) pyrrole-2-carboxamido) pyrrole-2-carboxamido) propion-N-methylamidine;

[3 - (1-methyl-4-(1-methyl-4-(1-methyl-4-(1-methyl-3-(α -bromoacrylamido)pyrazole-5-carboxamido) pyrrole-2-carboxamido) pyrrole-2-carboxamido) pyrrole-2-carboxamido) propion-N,N'-dimethylamidine;]

3 - (1-methyl-4-(1-methyl-4-(1[l]-methyl-4-(1-methyl-3-([(l] α -chloroacrylamido)pyrazole-5-carboxamido) pyrrole-2-carboxamido) pyrrole[pyrroLe]-2-carboxamido) pyrrole-2-carboxamido) propion-N,N'-dimethylamidine;

3 - (1-methyl-4-(1-methyl-4-(1-methyl-4-(1-methyl-3-(α -bromoacrylamido)pyrazole-5-carboxamido) pyrrole-2-carboxamido) pyrrole-2-carboxamido) pyrrole-2-carboxamido) propion-N,N,N'-trimethylamidine;

- 3 - (1-methyl-4-(1-methyl-4-(1-I)-methyl-4-(1-methyl-3-(α -bromoacrylamido) pyrazole-5-carboxamido) pyrrole-2-carboxamido) pyrrole-2-carboxamido) pyrrole-2-carboxamido) propionamide;
- 3 - (1-methyl-4-(1-methyl-4-(1-methyl-4-(1-methyl-3-(α -bromoacrylamido)pyrazole-5-carboxamido) pyrrole-2-carboxamido) pyrrole-2-carboxamido) pyrrole-2-carboxamido) propion-N-methylamide;
- 2 - (1-methyl-4-(1-methyl-4-(1-methyl-4-(1-methyl-3-(α -bromoacrylamido) pyrazole-5-carboxamido) pyrrole-2-carboxamido) pyrrole-2-carboxamido) pyrrole-2-carboxamido) ethylguanidine;
- 2 - (1-methyl-4-(1-methyl-4-(1-methyl-4-(1-methyl-3-(α -chloroacrylamido) pyrazole-5-carboxamido) pyrrole-2-carboxamido) pyrrole-2-carboxamido) pyrrole-2-carboxamido) ethylguanidine;
- 3 - (1-methyl-4-(1-methyl-4-(1-methyl-4-(1-methyl-3-(α -bromoacrylamido) pyrazole-5-carboxamido) pyrrole-2-carboxamido) pyrrole-2-carboxamido) pyrrole-2-carboxamido) propyl-N,N-dimethylamine;
- 3 - (1-methyl-4-(1-methyl-4-(1-methyl-4-(1-methyl-3-(α -bromoacrylamido) pyrazole-5-carboxamido) pyrrole-2-carboxamido) pyrrole-2-carboxamido) pyrrole-2-carboxamido) propionamidoxime;
- 3 - (1-methyl-4-(1-methyl-4-(1-methyl-4-(1-methyl-3-(α -chloroacrylamido) pyrazole-5-carboxamido) pyrrole-2-carboxamido) pyrrole-2-carboxamido) pyrrole-2-carboxamido) propionamidoxime;

- 3 - (1-methyl-4-(1-methyl-4-(1-methyl-4-(1-methyl-3-(α -bromoacrylamido) pyrazole-5-carboxamido) pyrrole-2-carboxamido) pyrrole-2-carboxamido) pyrrole-2-carboxamido) propion-O-methylamidoxime;
- 3 - (1-methyl-4-(1-methyl-4-(1-methyl-4-(1-methyl-3-(α -chloroacrylamido) pyrazole-5-carboxamido) pyrrole-2-carboxamido) pyrrole-2-carboxamido) pyrrole-2-carboxamido) propion-O-methylamidoxime;
- 3 - (1-methyl-4-(1-methyl-4-(1-methyl-4-(1-methyl-3-(α -bromoacrylamido) pyrazole-5-carboxamido) pyrrole-2-carboxamido) pyrrole-2-carboxamido) pyrrole-2-carboxamido) propionitrile;
- 3 - (1-methyl-4-(1-methyl-4-(1-methyl-4-(1-methyl-3-(α -chloroacrylamido) pyrazole-5-carboxamido) pyrrole-2-carboxamido) pyrrole-2-carboxamido) pyrrole-2-carboxamido) propionitrile;
- 3 - (1-methyl-4-(1-methyl-4-(1-methyl-4-(1-methyl-4-(α -bromoacrylamido) imidazole-2-carboxamido) pyrrole-2-carboxamido) pyrrole-2-carboxamido) pyrrole-2-carboxamido) propioncyanamidine;
- 3 - (1-methyl-4-(1-methyl-4-(1-methyl-4-(1-methyl-4-(α -bromoacrylamido) imidazole-2-carboxamido) pyrrole-2-carboxamido) pyrrole-2-carboxamido) pyrrole-2-carboxamido) propion-N-methylamidine;
- 3 - (1-methyl-4-(1-methyl-4-(1-methyl-4-(1-methyl-4-(α -bromoacrylamido) imidazole-2-carboxamido) pyrrole-2-carboxamido) pyrrole-2-carboxamido) pyrrole-2-carboxamido) propion-N,N'-dimethylamidine;

- 3 - (1-methyl-4-(1-methyl-4-(1-methyl-4-(1-methyl-4-(α -bromoacrylamido) imidazole-2-carboxamido) pyrrole-2-carboxamido) pyrrole-2-carboxamido) pyrrole-2-carboxamido) propion-N,N,N'-trimethylamidine;
- 3 - (1-methyl-4-(1-methyl-4-(1-methyl-4-(1-methyl-4-(α -bromoacrylamido) imidazole-2-carboxamido) pyrrole-2-carboxamido) pyrrole-2-carboxamido)) pyrrole-2-carboxamido propionamide;
- 3 - (1-methyl-4-(1-methyl-4-(1-methyl-4-(1-methyl-4-(α -bromoacrylamido) imidazole-2-carboxamido) pyrrole-2-carboxamido) pyrrole-2-carboxamido) pyrrole-2-carboxamido) propion-N-methylamide;
- 2 - (1-methyl-4-(1-methyl-4-(1-methyl-4-(1-methyl-4-(α -bromoacrylamido) imidazole-2-carboxamido) pyrrole-2-carboxamido) pyrrole-2-carboxamido) pyrrole-2-carboxamido) ethylguanidine;
- 2 - (1-methyl-4-(1-methyl-4-(1-methyl-4-(1-methyl-4-(α -chloroacrylamido) imidazole-2-carboxamido) pyrrole-2-carboxamido) pyrrole-2-carboxamido) pyrrole-2-carboxamido) ethylguanidine;
- 3 - (1-methyl-4-(1-methyl-4-(1-methyl-4-(1-methyl-4-(α -bromoacrylamido) imidazole-2-carboxamido) pyrrole-2-carboxamido) pyrrole-2-carboxamido) pyrrole-2-carboxamido) propyl-N,N-dimethylamine;
- 3 - (1-methyl-4-(1-methyl-4-(1-methyl-4-(1-methyl-4-(α -bromoacrylamido) imidazole-2-carboxamido) pyrrole-2-carboxamido) pyrrole-2-carboxamido) pyrrole-2-carboxamido) propionamidoxime;

- 3 - (1-methyl-4-(1-methyl-4-(1-methyl-4-(1-methyl-4-(α -chloroacrylamido) imidazole-2-carboxamido) pyrrole-2-carboxamido) pyrrole-2-carboxamido) pyrrole-2-carboxamido) propionamidoxime;
- 3 - (1-methyl-4-(1-methyl-4-(1-methyl-4-(1-methyl-4-(α -bromoacrylamido) imidazole-2-carboxamido) pyrrole-2-carboxamido) pyrrole-2-carboxamido) pyrrole-2-carboxamido) propion-O-methylamidoxime;
- 3 - (1-methyl-4-(1-methyl-4-(1-methyl-4-(1-methyl-4-(α -chloroacrylamido) imidazole-2-carboxamido) pyrrole-2-carboxamido) pyrrole-2-carboxamido) pyrrole-2-carboxamido) propion-O-methylamidoxime;
- 3 - (1-methyl-4-(1-methyl-4-(1-methyl-4-(1-methyl-4-(α -bromoacrylamido) imidazole-2-carboxamido) pyrrole-2-carboxamido) pyrrole-2-carboxamido) pyrrole-2-carboxamido) propionitrile;
- 3 - (1-methyl-4-(1-methyl-4-(1-methyl-3-(1-methyl-3-(α -bromoacrylamido) pyrazole-5-carboxamido) pyrazole-5-carboxamido) pyrrole-2-carboxamido) pyrrole-2-carboxamido) propion-N-methylamidine;
- 3 - (1-methyl-4-(1-methyl-4-(1-methyl-3-(1-methyl-3-(α -chloroacrylamido) pyrazole-5-carboxamido) pyrazole-5-carboxamido) pyrrole-2-carboxamido) pyrrole-2-carboxamido) propion-N-methylamidine;
- 3 - (1-methyl-4-(1-methyl-4-(1-methyl-3-(1-methyl-3-(α -bromoacrylamido) pyrazole-5-carboxamido) pyrazole-5-carboxamido) pyrrole-2-carboxamido) pyrrole-2-carboxamido) propion-N,N'-dimethylamidine;

- 3 - (1-methyl-4-(1-methyl-4-(1-methyl-3-(1-methyl-3-(α -bromoacrylamido) pyrazole-5-carboxamido) pyrazole-5-carboxamido) pyrrole-2-carboxamido) pyrrole-2-carboxamido) propion-N,N,N'-trimethylamidine;
- 3 - (1-methyl-4-(1-methyl-4-(1-methyl-3-(1-methyl-3-(α -bromoacrylamido) pyrazole-5-carboxamido) pyrazole-5-carboxamido) pyrrole-2-carboxamido) pyrrole-2-carboxamido) propion-N-methylamide;
- 2 - (1-methyl-4-(1-methyl-4-(1-methyl-3-(1-methyl-3-(α -bromoacrylamido) pyrazole-5-carboxamido) pyrazole-5-carboxamido) pyrrole-2-carboxamido) pyrrole-2-carboxamido) ethylguanidine;
- 2 - (1-methyl-4-(1-methyl-4-(1-methyl-3-(1-methyl-3-(α -chloroacrylamido) pyrazole-5-carboxamido) pyrazole-5-carboxamido) pyrrole-2-carboxamido) pyrrole-2-carboxamido) ethylguanidine;
- 3 - (1-methyl-4-(1-methyl-4-(1-methyl-3-(1-methyl-3-(α -bromoacrylamido) pyrazole-5-carboxamido) pyrazole-5-carboxamido) pyrrole-2-carboxamido) pyrrole-2-carboxamido) propionamidoxime;
- 3 - (1-methyl-4-(1-methyl-4-(1-methyl-3-(1-methyl-3-(α -bromoacrylamido) pyrazole-5-carboxamido) pyrazole-5-carboxamido) pyrrole-2-carboxamido) pyrrole-2-carboxamido) propionitrile;
- 3 - (1-methyl-4-(1-methyl-4-(1-methyl-4-(1-methyl-4-(α -bromoacrylamido) imidazole-2-carboxamido) imidazole-2-carboxamido) pyrrole-2-carboxamido) pyrrole-2-carboxamido) propioncyanamidine;

- 3 - (1-methyl-4-(1-methyl-4-(1-methyl-4-(1-methyl-4-(α -bromoacrylamido) imidazole-2-carboxamido) imidazole-2-carboxamido) pyrrole-2-carboxamido) pyrrole-2-carboxamido) propion-N-methylamide;
- 3 - (1-methyl-4-(1-methyl-4-(1-methyl-4-(1-methyl-4-(α -bromoacrylamido) imidazole-2-carboxamido) imidazole-2-carboxamido) pyrrole-2-carboxamido) pyrrole-2-carboxamido) propion-N,N-dimethylamine;
- 3 - (1-methyl-4-(1-methyl-4-(1-methyl-4-(1-methyl-4-(α -bromoacrylamido) imidazole-2-carboxamido) imidazole-2-carboxamido) pyrrole-2-carboxamido) pyrrole-2-carboxamido) propion-O-methylamidoxime;
- 3 - (1-methyl-4-(1-methyl-4-(1-methyl-4-(1-methyl-4-(α -bromoacrylamido) imidazole-2-carboxamido) imidazole-2-carboxamido) pyrrole-2-carboxamido) pyrrole-2-carboxamido) propionitrile;
- 3 - (1-methyl-3-(1-methyl-4-(1-methyl-4-(1-methyl-4-(α -bromoacrylamido) pyrrole-2-carboxamido) pyrrole-2-carboxamido) pyrrole-2-carboxamido) pyrazole-5-carboxamido) propion-N-methylamidine;
- 3 - (1-methyl-3-(1-methyl-4-(1-methyl-4-(1-methyl-4-(α -bromoacrylamido) pyrrole-2-carboxamido) pyrrole-2-carboxamido) pyrrole-2-carboxamido) pyrazole-5-carboxamido) propion-N,N'-dimethylamidine;
- 2 - (1-methyl-3-(1-methyl-4-(1-methyl-4-(1-methyl-4-(α -bromoacrylamido) pyrrole-2-carboxamido) pyrrole-2-carboxamido) pyrrole-2-carboxamido) pyrazole-5-carboxamido) ethylguanidine;

- 3 - (1-methyl-3-(1-methyl-4-(1-methyl-4-(1-methyl-4-(α -bromoacrylamido) pyrrole-2-carboxamido) pyrrole-2-carboxamido) pyrrole-2-carboxamido) pyrazole-5-carboxamido) propionamidoxime;
- 3 - (1-methyl-4-(1-methyl-4-(1-methyl-4-(1-methyl-4-(α -bromoacrylamido) pyrrole-2-carboxamido) pyrrole-2-carboxamido) pyrrole-2-carboxamido) imidazole-2-carboxamido) propion-N-methylamidine;
- 3 - (1-methyl-4-(1-methyl-4-(1-methyl-4-(1-methyl-4-(α -bromoacrylamido) pyrrole-2-carboxamido) pyrrole-2-carboxamido) pyrrole-2-carboxamido) imidazole-2-carboxamido) propionamide;
- 2 - (1-methyl-4-(1-methyl-4-(1-methyl-4-(1-methyl-4-(α -bromoacrylamido) pyrrole-2-carboxamido) pyrrole-2-carboxamido) pyrrole-2-carboxamido) imidazole-2-carboxamido) ethylguanidine;
- 3 - (1-methyl-4-(1-methyl-4-(1-methyl-4-(1-methyl-4-(α -bromoacrylamido) pyrrole-2-carboxamido) pyrrole-2-carboxamido) pyrrole-2-carboxamido) imidazole-2-carboxamido) propionamidoxime;
- 3 - (1-methyl-4-(1-methyl-4-(1-methyl-4-(1-methyl-3-(α -bromoacrylamido) pyrazole-5-carboxamido) imidazole-2-carboxamido) pyrrole-2-carboxamido) pyrrole-2-carboxamido) propion-N-methylamidine;
- 3 - (1-methyl-4-(1-methyl-4-(1-methyl-4-(1-methyl-3-(α -bromoacrylamido) pyrazole-5-carboxamido) imidazole-2-carboxamido) pyrrole-2-carboxamido) pyrrole-2-carboxamido) propion-N,N'-dimethylamidine;

2-(1-methyl-4-(1-methyl-4-(1-methyl-4-(1-methyl-3-(α -bromoacrylamido) pyrazole-5-carboxaido) imidazole-2-carboxamido) pyrrole-2-carboxamido) pyrrole-2-carboxamido) ethylguanidine;

3 - (1-methyl-4-(1-methyl-4-(1-methyl-4-(1-methyl-3-(α -bromoacrylamido) pyrazole-5-carboxamido) imidazole-2-carboxamido)[-2-carboxamido]) pyrrole-2-carboxamido) pyrrole-2-carboxamido) propionamidoxime;

3 - (1-methyl-4-(1-methyl-4-(1-methyl-4-(1-methyl-3-(α -bromoacrylamido) pyrazole-5-carboxamido) imidazole-2-carboxamido) pyrrole-2-carboxamido) pyrrole-2-carboxamido)propionitrile;

3 - (1-methyl-4-(1-methyl-4-(1-methyl-3-(α -bromoacrylamido) pyrazole-5-carboxamido) pyrrole-2-carboxamido) pyrrole-2-carboxamido) propioncyanamidine;

3 - (1-methyl-4-(1-methyl-4-(1-methyl-3-(α -bromoacrylamido) pyrazole-5-carboxamido) pyrrole-2-carboxamido) pyrrole-2-carboxamido) propion-N-methylamidine;

3 - (1-methyl-4-(1-methyl-4-(1-methyl-3-(α -chloroacrylamido) pyrazole-5-carboxamido) pyrrole-2-carboxamido) pyrrole-2-carboxamido) propion-N-methylamidine;

3 - (1-methyl-4-(1-methyl-4-(1-methyl-3-(α -bromoacrylamido) pyrazole-5-carboxamido) pyrrole-2-carboxamido) pyrrole-2-carboxamido) propion-N,N'-dimethylamidine;

- 3 - (1-methyl-4-(1-methyl-4-(1-methyl-3-(α -bromoacrylamido) pyrazole-5-carboxamido) pyrrole-2-carboxamido) pyrrole-2-carboxamido) propion-N,N,N'-trimethylamidine;
- 3 - (1-methyl-4-(1-methyl-4-(1-methyl-3-(α -bromoacrylamido) pyrazole-5-carboxamido) pyrrole-2-carboxamido) pyrrole-2-carboxamido) propionamide;
- 2 - (1-methyl-4-(1-methyl-4-(1-methyl-3-(α -bromoacrylamido) pyrazole-5-carboxamido) pyrrole-2-carboxamido) pyrrole-2-carboxamido) ethylguanidine;
- 2 - (1-methyl-4-(1-methyl-4-(1-methyl-3-(α -chloroacrylamido) pyrazole-5-carboxamido) pyrrole-2-carboxamido) pyrrole-2-carboxamido) ethylguanidine;
- 3 - (1-methyl-4-(1-methyl-4-(1-methyl-3-(α -bromoacrylamido) pyrazole-5-carboxamido) pyrrole-2-carboxamido) pyrrole-2-carboxamido) propionamidoxime;
- 3 - (1-methyl-4-(1-methyl-4-(1-methyl-3-(α -chloroacrylamido)pyrazole-5-carboxamido) pyrrole-2-carboxamido) pyrrole-2-carboxamido) propionamidoxime;
- 3 - (1-methyl-4-(1-methyl-4-(1-methyl-3-(α -bromoacrylamido) pyrazole-5-carboxamido) pyrrole-2-carboxamido) pyrrole-2-carboxamido) propionitrile;
- 3 - (1-methyl-4-(1-methyl-4-(1-methyl-4-(α -bromoacrylamido) imidazole-2-carboxamido) pyrrole-2-carboxamido) pyrrole-2-carboxamido) propioncyanamidine;
- 3 - (1-methyl-4-(1-methyl-4-(1-methyl-4-(α -bromoacrylamido) imidazole-2-carboxamido) pyrrole-2-carboxamido) pyrrole-2-carboxamido) propion-N-methylamidine;

- 3 - (1-methyl-4-(1-methyl-4-(1-methyl-4-(α -bromoacrylamido) imidazole-2-carboxamido) pyrrole-2-carboxamido) pyrrole-2-carboxamido) propion-N,N'-dimethylamidine;
- 3 - (1-methyl-4-(1-methyl-4-(1-methyl-4-(α -bromoacrylamido) imidazole-2-carboxamido) pyrrole-2-carboxamido) pyrrole-2-carboxamido) propion-N,N,N'-trimethylamidine;
- 3 - (1-methyl-4-(1-methyl-4-(1-methyl-4-(α -bromoacrylamido) imidazole-2-carboxamido) pyrrole-2-carboxamido) pyrrole-2-carboxamido) propionamide;
- 3 - (1-methyl-4-(1-methyl-4-(1-methyl-4-(α -bromoacrylamido) imidazole-2-carboxamido) pyrrole-2-carboxamido) pyrrole-2-carboxamido) propion-N-methylamide;
- 2 - (1-methyl-4-(1-methyl-4-(1-methyl-4-(α -bromoacrylamido) imidazole-2-carboxamido) pyrrole-2-carboxamido) pyrrole-2-carboxamido) ethylguanidine;
- 3 - (1-methyl-4-(1-methyl-4-(1-methyl-4-(α -bromoacrylamido) imidazole-2-carboxamido) pyrrole-2-carboxamido) pyrrole-2-carboxamido) propion-N,N-dimethylamine[.];
- 3 - (1-methyl-4-(1-methyl-4-(1-methyl-4-(α -bromoacrylamido) imidazole-2-carboxamido) pyrrole-2-carboxamido) pyrrole-2-carboxamido) propionamidoxime;
- 3 - (1-methyl-4-(1-methyl-4-(1-methyl-4-(α -bromoacrylamido) imidazole-2-carboxamido) pyrrole-2-carboxamido) pyrrole-2-carboxamido) propion-O[0]-methylamidoxime;

3 - (1-methyl-4-(1-methyl-4-(1-methyl-4-(α -bromoacrylamido) imidazole-2-carboxamido) pyrrole-2-carboxamido) pyrrole-2-carboxamido) propionitrile; and the pharmaceutically acceptable salts thereof.